

(804) 444-9650

LANTNAVFACENGCOMINST 11010.21
09A2

JUN 6 1990

LANTNAVFACENGCOM INSTRUCTION 11010.21

From: Commander, Atlantic Division, Naval Facilities Engineering Command

Subj: PROCEDURES FOR OBTAINING CONSTRUCTION AND OPERATING PERMITS FOR
FACILITIES

Ref: (a) OPNAVINST 11010.20E of 9 Jul 85 (Facilities Projects Manual)
(b) LANTNAVFACENGCOMINST 5402.1G
(c) LANTNAVFACENGCOMINST 4205.1C

Encl: (1) Sample Code 09A2 memo to Code 20
(2) Sample Code 09A2 memo to Code 18
(3) Sample Code 09A2 memo to Code 24
(4) List of Required Construction/Operating Permits
(5) Guides for Permitting and Regulatory Requirements

1. Purpose. To prescribe procedures for:

a. Identifying all new projects for which construction and operating permits may be required by local, State, and Federal Agencies.

b. Preparing permit applications; submitting; and obtaining permit approvals during the design.

c. Ensuring both design and construction documents are in compliance with approved permits before the construction contract is awarded.

d. Handling public notice requirements.

2. Exclusions. This instruction excludes:

a. Building permits and construction permits that the contractor may be required to obtain to do business with the Navy. (These requirements are covered by FR 52.236-7 clause of a construction contract.)

b. All forms of permission needed to build involving site approvals.

3. Scope. This instruction applies to LANTNAVFACENGCOM headquarters, its field offices, European Branch, OICC MED, and OICC Naval Hospital.

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4. Policy.

a. In consonance with the policy stated in reference (a), it is LANTNAVFACENGCOM policy to actively participate in a program to protect and enhance the quality of the environment and take positive actions to control pollution caused by installations (during construction or operation).

b. LANTNAVFACENGCOM will conform to the provisions of Executive Order 12088 of 13 October 1978 which requires compliance with the following Public Laws and subsequent amendments which have been implemented in the Navy Environmental Protection Manual, OPNAVINST 5090.1:

- (1) The Clean Air Act
- (2) The Clean Water Act
- (3) Marine Protection, Research, and Sanctuaries Act of 1972
- (4) Solid Waste Disposal Act
- (5) Noise Control Act
- (6) Atomic Energy Act of 1954
- (7) Federal Insecticide, Fungicide, and Rodenticide Act
- (8) Resource Conservation and Recovery Act
- (9) Toxic Substance Control Act
- (10) Comprehensive Environmental Response Compensation and Liability Act
- (11) National Environmental Policy Act of 1969
- (12) Endangered Species Act of 1973
- (13) Safe Drinking Water Act
- (14) National Historic Preservation Act

c. LANTNAVFACENGCOM will cooperate with other Federal, State, and local agencies engaged in environmental pollution abatement and will comply with related standards and criteria promulgated by those agencies. Where, in the interest of national defense or other relevant reasons, it is not considered practicable to comply with standards and criteria, LANTNAVFACENGCOM shall refer the matter through proper channels to the Office of the Secretary of Defense for resolution.

d. LANTNAVFACENGCOM will maintain a "compliance oriented" policy at overseas installations. Facilities should be designed, constructed, and operated to comply with environmental pollution standards of general applicability in the host country or jurisdictions concerned. Unless otherwise provided in applicable status of forces agreement, the pollution control standards that apply are those enacted, adopted, and in effect pursuant to the National Pollution Control Laws of the host country. Facilities provided and operated by the United States shall receive the necessary upgrading and those being designed shall have incorporated in the basic design the pollution control measures to meet the substantive environmental pollution control standards.

5. Procedures For Identification of What Permits Are Required:

a. Upon receipt of an Activity's Project Documentation (DD Form 1391, Facility Study, etc.), Code 20, Code 18 and Code 24 shall identify during the validation process any and all construction and operating permits required for a complete and usable facility. This same action should be taken on special projects sent for review to Code 18 by Code 16. Code 18 will bring to the

immediate attention of Code 09A2 any project that cannot be executed during the program year because of

excessive time required for obtaining permits. Code 20 requests Navy and Marine Corps activities to indicate construction and operating permits to be included in environmental documentation for construction projects.

b. For Marine Corps Activities: The Marine Corps is primarily responsible for developing facilities planning and programming documentation at Marine Corps activities including initial identification of required permits. However, Code 09A2 coordinates the review of this information between LANTNAVFACENGCOM Codes 18 and 24 which should include comments on permit requirements as appropriate.

c. For OICC MED Activities: OICC MED will coordinate with the local activities as needed and be responsible for identification of all required permits in their geographic area.

d. When a MILCON, NATO, or NAF project is authorized for design, the Code 09A2 Project Manager (PM) will prepare an Appendix "A" which includes a listing of all required permits. The PM will then issue the enclosure (1) memorandum to Code 20, enclosure (2) memorandum to Code 18, and enclosure (3) memorandum to Code 24 requesting the information presented in the Appendix "A" be verified and additional information be provided where requested.

6. Procedures For Preparing Permit Application:

a. The PM shall task the Designer of Record (the A&E Firm or Code 04 if in-house design) to prepare all construction and operating permit applications. A list of those required permits shall be included in the Appendix "A" scope of work prepared by the PM. The A&E is to confirm adequacy of the permit requirements by contacting the appropriate LANTNAVFACENGCOM Technical Code and when required, the appropriate Governmental agency. For A&E design, Code 04 shall include in the Government Estimate of Fee, fees for preparing all permits. For inhouse design, Code 04 shall have the option of preparing the permit, tasking 09A2 to contract this effort to an A&E, or requesting assistance from Codes 18 and 24. The draft permit applications are to be submitted with the 35% design submittal but no later than the prefinal submittal, and reviewed by the cognizant LANTNAVFACENGCOM Technical Code (enclosure (4)) for accuracy and completeness. If needed, the reviewed permits shall be returned for corrections to the A&E by Code 406 along with the completed review package. For in-house design, the corrections shall be returned to the EIC/AIC.

7. Procedures For Submitting and Obtaining a Permit Approvals:

a. The PM will also task the A&E Firm in the Appendix "A" to submit the reviewed permit applications (with corrections) by letter to the Project Manager who will forward it to the cognizant LANTNAVFACENGCOM Technical Code as shown on enclosure (4) prior to the prefinal submittal. For in-house designed projects for which Codes 18 and 24 are the cognizant LANTNAVFACENGCOM Technical Codes, Code 04 shall submit the reviewed permit application by memo via the Project Manager to Codes 18 and 24.

b. The LANTNAVFACENGCOM Technical Code shall be responsible for:

(1) Reviewing and certifying that permit applications are ready for signature by the "Applicant". The applicant's name for construction permits shall be "Commander, Atlantic

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Division, Naval Facilities Engineering Command, Code 09A". "Agent" or point of contact with the regulatory agencies will be established by the Technical Code in the letter submitting the permit application.

(2) Submitting the permit applications and necessary liaison with the regulatory agency as outlined in enclosure (5). CNO policy requires permit applications be signed by an 0-6 or above.

(3) Attending public hearings as needed. The Designer of Record may be directed to attend any public hearings which may be held, but only the appropriate LANTNAVFACENGCOM Technical Code shall be the official LANTNAVFACENGCOM representative.

(4) If a public notice is required by a particular Government agency (such as COE, VMRC, etc.), the Technical Code is responsible for insuring that advertisement is made.

(a) Public notice is normally through newspaper advertisement. Newspaper advertisements for permits or announcements of hearings require the approval of the Commander. This approval authority is contained in reference (b) and cannot be redelegated.

(b) The procurement of permits requiring payment for same will be handled in accordance with the Command's purchasing procedures contained in reference (c). The LANTNAVFACENGCOM Technical Code will prepare a Material and Service Requisition for the necessary advertisement and obtain the approval of the Commander, before submitting it to the Purchase and Supply Branch, Code 01 13, for procurement. Cite project design funds to pay for the cost of the advertisement.

(5) Ensuring timely approvals are obtained. The LANTNAVFACENGCOM Technical Code is tasked with the responsibility to coordinate with all other LANTNAVFACENGCOM Codes as needed to ensure proper coordination is achieved.

(6) Forwarding approved permits to the PM.

c. Where possible, the intent is to have the approved permits available at the same time the prefinal design is submitted to LANTNAVFACENGCOM for review. NOTE: Several types of permit applications require final design information and "approved" permits may not be available at the prefinal design stage.

d. The Project Manager will forward the approved permits (or approved permit applications) to Code 05 (with information copy to the Designer of Record). Code 05 will forward approved permits (or approved permit applications) by cover letter to the appropriate OICC/ROICC.

e. If construction is not going to be complete before the permit date runs out, the ROICC shall notify 09A2 via 05 at least 60 days in advance. Code 09A2 will request the LANTNAVFACENGCOM Technical Code to obtain an extension of the permit to cover the full construction period.

f. Upon construction completion, the OICC/ROICC shall forward all operating permits to the activity for their use.

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8. IMPLEMENTATION: This instruction will take effect immediately.

A handwritten signature in black ink, appearing to read "K. E. Godfrey". The signature is stylized with a large "K" and "E", and a more fluid, cursive "Godfrey".

K. E. GODFREY, P. E.
Technical Director

Distribution: (5216. 10L)

Part I

- List A (1, 5, 7, 8, 12, 15-22)
- List C (5, 9, 11-13, 15, 18-21, 23)
- List D (19-21, 23, 25-34, 49, 50)
- List F
- List G

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DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

TELEPHONE NO:
804-444-9631

IN REPLY REFER TO:

Date: FEB 9 90

MEMORANDUM

(REV 2/90)

From: Code 09A2111

To: **Code 20**

Subj: FY 92 MCON P822
Steam Distribution
Insulation
PWC NORVA

Ref: (a) NAVFACENGCOM Design Authorization ltr of JAN 25 90

Encl: (1) Appendix "A" dated _____

1. By reference (a) preparation of supporting documentation/plans and specifications was authorized for the subject project. Enclosure (1) defines the scope and is forwarded for your reference. To assist in this effort, the following information is requested:

- a. Copy of site approval letter and copy of approved location plan.
- b. Copy of Project Facility Study (MCON).
- c. Copy of the approved PEA/EA/EIS and any statements on design concepts, construction permits, and operating permits required to eliminate adverse environmental effects consistent with applicable directives.
- d. Conceptual recommendation developed during facility planning that should be considered during design.
- e. Planning considerations that should be investigated.
- f. Advise whether SFPS actions have been completed or if any problems are anticipated in providing the above information that would adversely impact a design start.
- g. General comments.

2. Should there be any questions on this matter, please contact the Project Manager listed below. This information is required within 30 days from the date of this memo.

Copy to: (w/o encls)
09A2111
04A1 (JO # 5F8137)

David Black
Project Manager

Code 09A2111

Quality Performance...Quality Results

Enclosure (1)

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DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

TELEPHONE NO:
804-444-9631

IN REPLY REFER TO:

Date: FEB 9 90

MEMORANDUM

(REV 10/89)

From: Code 09A2111

To: **Code 18**

Subj: FY 92 MCON P822
Steam Distribution
Insulation
PWC NORVA

Ref: (a) NAVFACENGCOM Design Authorization ltr of JAN 25 90

Encl: (1) Appendix "A" dated _____

1. By reference (a) preparation of supporting documentation/plans and specifications was authorized for the subject project. Enclosure (1) defines the scope and is forwarded for your reference. To assist in this effort, the following information is requested:

a. Identify compliance requirements for new projects or modifications to existing facilities to be in conformance with Federal, State, and Local Standards. Brief description and estimated cost of additional scope required to support this project.

b. Advise of any and all construction and operating permit requirements with appropriate Federal/State/Local and EPA Regional Offices.

c. Advise if the project will have an impact upon a hazardous waste site which will require preparation of a site closure/post closure plan for regulatory agency approval. Brief description and estimated cost of additional scope required to support this project.

2. Should there be any questions on this matter, please contact the Project Manager listed below. This information is required within 30 days from the date of this memo.

Copy to: (w/o encls)
09A2111
04A1 (JO # 5F8137)

David Black
Project Manager
Code 09A2111

Quality Performance...Quality Results

Enclosure (2)

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DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

TELEPHONE NO:
804-444-9631

IN REPLY REFER TO:

Date: FEB 9 90

MEMORANDUM

(REV 8/89)

From: Code 09A2111

To: **Code 24**

Subj: FY 92 MCON P822
Steam Distribution
Insulation
PWC NORVA

Ref: (a) NAVFACENGCOM Design Authorization ltr of JAN 25 90

Encl: (1) Appendix "A" dated _____

1. By reference (a) preparation of supporting documentation/plans and specifications was authorized for the subject project. Enclosure (1) defines the scope and is forwarded for your reference. To assist in this effort, the following information is requested:

- a. Real estate action you deem necessary for off-site right-of-way.
- b. Conflicts with existing on-base easements.
- c. Advise of any and all construction and operating permit requirements with appropriate Federal/State/Local and EPA Regional Offices.

2. Should there be any questions on this matter, please contact the Project Manager listed below. This information is required within 30 days from the date of this memo.

Copy to: (w/o encls)
09A2111
04A1 (JO # 5F8137)

David Black
Project Manager
Code 09A2111

Quality Performance...Quality Results

Enclosure (3)

LIST OF REQUIRED
CONSTRUCTION/OPERATING PERMITS
Legend o = Operating Permit
c = Construction Permit

VIRGINIA

	<u>PERMIT</u>	<u>RESPONSIBLE AGENCY</u>	<u>LANTNAVFACENGCOM</u> <u>TECHNICAL CODE</u>
1.c	Dredging and Filling, Marine Structures, and Submarine Crossings	Joint Permit Application to VMRC (COE, VIMs, VWCB, Wetland Boards)	405
2.o	VPDES	VWCB	18
3.o	No Discharge Certificate	VWCB	18
4.o/c	Ground Water Use (Wells)	VWCB (Domestic Use)	18
5.o/c	Air Quality	VDAPC	18
6.o/c	Residue Ocean Disposal	EPA (Philadelphia)	18
7.o/c	Hazardous Waste***	VDWM/VWCB//HRSD*	18
8.c	Sewer System Approval	VWCB/VDH/HRSD*	18
9.o/c	Sewage Pretreatment	HRSD	18
10.c	Water Systems Approval	VDH	18
11.c	Erosion and Sediment Control Approval	VDS & WC	405
12.c	Underground Storage Tanks	VWCB	18(OICC/ROICC)**
13.c	Solid Waste Management	VDWM	18
14.o/c	Endangered Species	USFWS/VDGIF	24

NORTH CAROLINA

	<u>PERMIT</u>	<u>RESPONSIBLE AGENCY</u>	<u>LANTNAVFACENGCOM</u> <u>TECHNICAL CODE</u>
1.c	Dredge and Fill	COE (Wilmington)	405
2.c	State Dredge and Fill	NCDCM	405
3.c	River Crossings	COE (Wilmington)	405
4.o/c	NPDES	NCDEM	18
5.o/c	Non-Discharge (Sewage Collection)	NCDEM	18
6.c	Air Quality	NCDEM	18
7.o/c	Water Use	NCDEM	18
8.c	Well Construction	NCDEM	18
9.c	Storm Water Management	NCDEM	405
10.o/c	Residue Ocean Disposal	EPA (Atlanta)	18
11.c	Sewer Approval (Sub-Surface Disposal)	NCDHS	18
12.c	Water System Approval	NCDCM	18
13.c	Consistency Statement	NCDCM	203
14.c	Erosion and Sedimentation Control Approval	NCDLR	405
15.c	Underground Storage Tanks	NCDEM	18(OICC/ROICC)**
16.o/c	Hazardous Wastes ***	NCDEM	18
17.o/c	Endangered Species	USFWS/NCWRC	24

Enclosure (4)(Page 1 of 3)

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WEST VIRGINIA

	<u>PERMIT</u>	<u>RESPONSIBLE AGENCY</u>	<u>TECHNICAL CODE</u>
1.o/c	NPDES	WVDH/WVDNR	18
2.c	Sewer/Water Systems Approval	WVDH	18
3.o	Underground Storage Tanks	WVDNR	18 (OICC/ROICC)**
4.o/c	Hazardous Waste***	WVDNR	18
5.c	Dredging, Filling, Submarine Structure	COE/WVDNR	405
6.o/c	Endangered Species	USFWS/WVDNR	24

KENTUCKY (LOUISVILLE)

	<u>PERMIT</u>	<u>RESPONSIBLE AGENCY</u>	<u>TECHNICAL CODE</u>
1.o/c	Sewer Connections	Louisville Metropolitan Sewer Distribution	18
2.o/c	NPDES	Commonwealth of Kentucky Resources and Environmental Protection Cabinet	18
3.o/c	Air	Jefferson County Air Pollution Control Board	18
4.o	Underground Storage Tanks	Commonwealth of Kentucky National Resources and Environmental Protection Cabinet	18(OICC/ROICC)**
5.o/c	Hazardous Waste***	Commonwealth of Kentucky National Resources and Environmental Protection Cabinet	18
6.o/c	Endangered Species	USFWS/KDFWR	24

PUERTO RICO (All permits will be prepared in Spanish)

	<u>PERMIT</u>	<u>RESPONSIBLE AGENCY</u>	<u>TECHNICAL CODE</u>
1.c	Sewer/Water Systems	-----?-----	18
2.o/c	NPDES	EPA (Region II,NY)/EQB	18
3.o/c	Underground Storage Tanks	-----?-----	18(OICC/ROICC)**
4.c	Hot Water Heater	-----?-----	18
5.o	Air	EPA (Region II,NY)/EQB	18
6.o/c	Hazardous Waste	EPA (Region II,NY)/EQB	18
7.o/c	Endangered Species	USFWS/PRDNR	24

* HRSD review primarily for flow allocation.

** Construction contractor should provide tank installation certification and completed tank notification form to the OICC/ROICC. OICC/ROICC will submit this to the activity for signature and the regulatory agency.

*** May require "Modification" to existing Part A or Part B RCRA T, S, D permit prior to construction.

**** Code 18 will further define permit requirements for Puerto Rico no later than 1 May 1990.

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LEGEND

	<u>SYMBOL</u>
1. Construction Permit	C
2. Operating Permit	O
3. Corps of Engineers	COE
4. Environmental Protection Agency	EPA
5. Environmental Quality Board	EQB
6. North Carolina Division of Environmental Management	NCDEM
7. North Carolina Division of Coastal Management	NCDCM
8. National Pollutants Discharge Elimination System	NPDES
9. North Carolina Division of Health Services	NCDHS
10. Hampton Roads Sanitation District	HRSD
11. Virginia Department of Air Pollution Control	VDAPC
12. Virginia Department of Soil and Water Conservation	VDS & WC
13. Virginia Department of Health	VDH
14. Virginia Institute of Marine Science	VIMS
15. Virginia Marine Resources Commission	VMRC
16. Virginia Water Control Board	VWCB
17. West Virginia Department of Health	WVDH
18. West Virginia Division of Natural Resources	WVDNR
19. North Carolina Division of Land Resources	NCDLR
20. Virginia Department of Waste Management	VDWM
21. Fish and Wildlife Service, D.O.I.	USFWS
22. Virginia Division Game and Inland Fisheries	VDGIF
23. North Carolina Wildlife Resources Commission	NCWRC
24. Kentucky Department of Fish and Wildlife Resources	KDFWR
25. Puerto Rico Department of Natural Resources	PRDNR

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GUIDES FOR PERMITTING AND REGULATORY REQUIREMENTS

ATTACHMENTS:

- A. Wastewater Facilities; Guide for Permitting and Regulatory Review Requirements
- B. Potable Water Facilities; Guide for Permitting and Regulatory Review Requirements
- C. Requirements for New Air Source Construction/Operation Permits
(Revised August 1989)

Enclosure (5)

JUN 6 1990

WASTEWATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

STATE	TYPE FACILITY	REVIEW REQUIREMENTS	PERMITTING REQUIREMENTS	SUBMITTAL ADDRESSES
Virginia	Wastewater Collection systems (pump stations, force mains, sewers)	Submit four copies of plans and specifications to State Health Department and one copy to State Water Control Board (approximately 60 days for review). Include design calculations. If connecting to municipal sewer and gravity flow exceeds 40,000 gpd or connected via pumpstation/force main, a flow allocation certificate from the appropriate sewer agency is also required.	A certificate to construct (CVC) the sewage conveyance work is issued by VA SWCB. Submittals are reviewed to be IAW the Virginia sewage regulations.	VA Dept. of Health Commonwealth of Virginia Division of Water Programs Virginia Beach Regional Office 5700 Thornton Avenue, Suite 203 Virginia Beach, VA 23455 Telephone: (804) 460 5318
	Sewage connection to IRSD	Flow application from sewer agency (IRSD should be filed 90 days prior to construction start).	Flow allocation certificate required for discharge that exceed 40000 gpd or connect directly to IRSD's system.	Commonwealth of Virginia State Water Control Board Tidewater Regional Office, 283 Pembroke No. 2, Virginia Beach VA 23465 Phone 4-(804) 552-1840
				Hampton Roads Sanitation District P. O. Box 5000 Virginia Beach, VA Telephone: (804) 460-2261

Attachment A to
Enclosure (5)

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WASTEWATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

STATE	TYPE FACILITY	REVIEW REQUIREMENTS	PERMITTING REQUIREMENTS	SUBMITTAL ADDRESSES
Virginia	Wastewater Treatment, (New Const. or Modification to exist.)	Same as wastewater collection system and WPDES applications should be filed ALL 180 days prior to the start of construction. Submit Engineers proposal and basis of design and supporting studies. Submit 6 copies.	Same as WA collection system WPDES permit is required if the discharge is to VA surfacewaters and/or the effluent quality will be changed by the proposed construction. Applications are reviewed IAM Title 62.1 of the VA Code and IAM state water quality standards under authority of the Cleanwater Act	Same as wastewater collection system For WPDES permit applications VA SNCR Tidewater Regional
Virginia	Industrial wastewater discharged to sewers (washrack, cooling towers, coal pile, boiler blowdown, hospital, process waters discharged to sewers)	Application should be filed prior to the start of construction generally requiring 90 days for permit to be issued. Submit 2 copies of Engineers detailed basis of design, calculations, and application.	pretreatment permit is required for any industrial source that is discharged to a municipal system off base. Applications are reviewed IAM the sewer authority sewer use ordinance and Federal Pretreatment Standards.	For Tidewater Area Hampton Road Sanitation Dept. P. O. Box 3000 Virginia Beach, 23455 Telephone: (804)-460-2261

Attachment A to
Enclosure (5)

JUN 16 1990

WASTEWATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

STATE	TYPE FACILITY	REVIEW REQUIREMENTS	PERMITTING REQUIREMENTS	ASSESSMENTAL ADDRESSES
Virginia	Discharges to storm drain system from industrial sources	Same as for treatment plant modifications.	authorities individual regulations established IAW the Cleanwater Act, Section 403.	For VPDES permit applications: VA SNCR Tidewater Regional Office
West Virginia	Wastewater Collection System (i.e., pump stations, forced mains and gravity sewers).	Submit four (4) sets of final plans, specifications and design criteria with form. 1. Form EG-4 Attachment A - "Sewage System Information Design Data Sheet" 2. Form ES-69, "Application for Permit to Construct a New Sewerage and/or Sewage Disposal System to extend. Modify or add to an existing sewerage and/or sewage disposal system."	Plans and specifications must be approved. A Certificate to Construct is issued. Applications are reviewed IAP West Virginia Code Chapter 16 article 1 section 9	For VPDES permit applications: VA SNCR Tidewater Regional Office Engineers Division West Virginia Department of Health 1800 Washington Street East, Charleston, WV 25305 Telephone: (304) 348-2982

Attachment A to
Enclosure (5)

JUN 6 1990

WASTEWATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

STATE	TYPE FACILITY	REVIEW REQUIREMENTS	PERMITTING REQUIREMENTS	*SUBMITTAL ADDRESSES
West Virginia	Wastewater Treatment Plants, (including Land Application System modification and or new construction.	<p>Submit eight sets of plans, specifications, design criteria, and calculations</p> <p>Submit forms:</p> <ol style="list-style-type: none"> 1. Form SJ-WPDES Sewage Application for permits 2. Form WV DNR WRD-01-88, "Municipal/Package Sewage Treatment Discharge Load Allocation" 3. Form NC-6, Attachment A - "Sewage System Information and Design Data Sheet" 4. Form ES-69, "Application for Permit to Construct a New Sewage and/or Sewage Disposal System to Extend, Modify or add to an existing sewerage and/or sewage disposal system". 	<p>Allow 30 days for review.</p>	<p>West Virginia Dept. of Health</p>
		<p>Submit eight sets of plans, specifications, design criteria, and calculations</p> <p>Submit forms:</p> <ol style="list-style-type: none"> 1. Form SJ-WPDES Sewage Application for permits 2. Form WV DNR WRD-01-88, "Municipal/Package Sewage Treatment Discharge Load Allocation" 3. Form NC-6, Attachment A - "Sewage System Information and Design Data Sheet" 4. Form ES-69, "Application for Permit to Construct a New Sewage and/or Sewage Disposal System to Extend, Modify or add to an existing sewerage and/or sewage disposal system". 	<p>Plans and specifications must be approved as Certificate to Construct is issued</p> <p>IAP West VA Code Chapter 16, Article 1 Section 9</p> <p>For new discharges or modification to existing sewage treatment systems, that effect the quantity or quality of the effluent an KPDES also add a "Water Pollution Control" permit is required. Applications are review IAW Law of Department of Natural Resources</p> <p>West VA State Code</p>	<p>* All project documentation shall be forwarded to the West Virginia Department of Health. Any review by the Department of Natural Resources will be determined by the Health Department who will make the necessary submissions to:</p> <p>Department of Natural Resources Municipal Waste Section 1202 Greenbrier Street Charleston, WV 25306 Telephone: (304) 348-4086</p>

Attachment A to
Enclosure (5)

JUN 6 1990

WASTEWATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

STATE	TYPE FACILITY	REVIEW REQUIREMENTS		*SUBMITTAL ADDRESSES
		REVIEW REQUIREMENTS	PERMITTING REQUIREMENTS	
West Virginia	Septic Tank/Drain Field (i.e., Greater than 3000 Gallons)	<p>Note: This form is to be submitted for Land Application Systems only.</p> <p>5. Form ES-77, "Sewage Collection and Treatment System Forms and Required Information."</p> <p>Note: Plans, specifications and design criteria sealed and signed by a WV P.E. preferred, but not required. Allow three (3) months for review.</p>	Chapter 20, Act 54 Section 5 under authority of the Cleanwater Act	West Virginia Department of Health
		<p>Submit four (4) copies of the following application along with plans, specs and design calculations:</p> <p>Form ES-78, "Certificate of Supervisor of Installation and Operation of Sewage Treatment Plant". Allow 30 days for review</p>		

Attachment A to
Enclosure (5)

JUN 3 1990

WASTEWATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

STATE	TYPE FACILITY	REVIEW REQUIREMENTS	PERMITTING REQUIREMENTS	SPONSORIAL ADDRESSES
Kentucky	Wastewater collection Systems (gravity sewers, pumpstation, force mains)	Submit 1 set of final plans and specs and calculations. Allow 6 weeks review.	Plans and Specifications must be approved by the local sewer authority. Approval letter issued.	Louisville and Jefferson Co. Metropolitan Sewer District 400 South Sixth St. Louisville, KY 40202 Telephone: (502) 587-0591
	Wastewater treatment Plant (new or modification of existing)	Submit 7 sets of final plans/spec and design criteria. Allow 90 days for review application/review fee ranges from \$250 to \$1000.	Construction Permit is issued...required prior to start of construction.	Commonwealth of Kentucky Natural Resources and Environmental Protection Cabinet Division of Water 18 Reilly Road, Fort Boone Plaza Frankfort, KY 40601 Telephone: (502)-564-3420
		KRWES applications must be filed 60-180 days prior to the start of construction.	KRWES permit is required for discharge to surface waters and/or for effluent	Commonwealth of Kentucky Natural Resource and Environmental Protection Cabinet

Attachment A to
Enclosure (5)

JUN 6 1990

WASTEWATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

STATE	TYPE FACILITY	REVIEW REQUIREMENTS	PERMITTING REQUIREMENTS	SUBMITTAL ADDRESSES
7 Kentucky	Industrial Wastewater discharge to sewers (Louisville Area Only)	Application should be filed prior to start of construction and generally requires 90 days for permit issuance.	A pretreatment permit is required for any industrial source that is to discharge into the municipal system off base. Applications are reviewed IAW the sanitation districts regulations given authority by Section 403 of the Cleanwater Act.	Same as for wastewater collection systems
	Discharges to Storm Drains from Industrial Sources	Requirements same as Wastewater treatment plant construction or modification	EPDES permit required	Commonwealth of Kentucky Natural Resources and Environmental Protection Cabinet

Attachment A to
Enclosure (5)

JUN 6 1990

WASTEWATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

STATE	TYPE FACILITY	REVIEW REQUIREMENTS	PERMITTING REQUIREMENTS	SUBMITTAL ADDRESSES
North Carolina	Wastewater collection system (gravity sewer, pump station, force mains and system extensions, spray irrigation or septic tank system greater than 3000 gpd)	Submit 3 copies of final plans and specifications, basis for design, calculations and a Non-Discharge Application; \$200 process fee required, allow for 90 days normal processing time.	Non-Discharge Permit is issued. NC DEM reviews submittals to be in accordance with N.C. Administration, Code 15 NCAC 2H.0200	N.C. Dept. of Natural Resources and Community Development Division of Environmental Management P.O. Box 27667 Raleigh, NC 27611-7667 Attn: Wastewater Section Telephone: (919)-733-5083
	Wastewater Treatment Plant (New Const. or modification to existing)	Same as above except processing fee ranges from \$700-\$900.	A non-discharge permit is issued for plant modification that do not effect effluent quality	Same as Wastewater Collection
		Application for NPDES permit must be filed M/T 180 days prior to the start of construction. Submit 3 sets of an engineering concept plan and basis of design and application. Fee ranges from \$200-\$400 for plan reviews.	Treatment works that discharge to W.C. state waters on change the quantity or quality of a plants effluent require a NPDES permit. Application is reviewed IAW N.C. Administration Code 15 NCAC 2H.0100	Same as Above

Attachment A to
Enclosure (5)

JUN 6 1993

WASTEWATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

STATE	TYPE FACILITY	PERMITTING REQUIREMENTS		*SUBMITTAL ADDRESSES
		NEVEN	PERMITTING REQUIREMENTS	
North Carolina (cont'd)	Discharges from industrial sources into the storm drain system.	In addition to NEDES applications, Application for discharges greater than 100,000gpd or 1MGD for cooling water require an environmental assessment on water quality. Application process time is 180 days minimum.	An NEDES permit is required. NEDES requirements are same as for wastewater treatment plant construction/modification.	Same as Wastewater Collection

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Puerto Rico
Virgin Islands

Requirement are presently established on a project by project basis with the Puerto Rico Environmental Quality Board and EPA Region II.

Attachment A to
Enclosure (5)

JUN 9 1990

PORTABLE WATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

STATE	TYPE FACILITY	REVIEW REQUIREMENTS	PERMITTING REQUIREMENTS	*SUBMITTAL ADDRESSES
Virginia	Storage, treatment, distribution	Preliminary Engineering conference and submit Engineers report. Sub- mission at least 60 days prior to start of: 3 sets of plans, specifications and design criteria. NOTE: Preliminary engineering conference and engineers report may be omitted on simple projects.	Permit required prior to construction. Application consists of letter request followed by appropriate submittals for review. NOTE: Plans and specs by A/E require VA P.E. sent and signature.	Commonwealth of Virginia Department of Health Division of Water Programs Virginia Beach Regional Office 5700 Thurston Avenue, Suite 203 Virginia Beach, VA 23455 Telephone: (804) 460-5318
Cells		Preliminary Engineering conference and submit Engineers report. Sub- mission at least 60 days prior to start of: 3 sets of plans, specifications and design criteria: State engineer must in- spect/approve well site NOTE: Preliminary engineering conference and engineers report may be omitted on simple projects.	Permit required prior to construction. Application consists of letter request followed by appropriate submittals for review NOTE: A/E prepared plans and specs require VA P.E. seal and signature.	Commonwealth of Virginia Department of Health Division of Water Programs Virginia Beach Regional Office 5700 Thurston Avenue, Suite 203 Virginia Beach, VA 23455 Telephone: (804) 460-5318

Attachment 3 to
Enclosure (5)

JUN 8 1990

POTABLE WATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

<u>STATE</u>	<u>TYPE FACILITY</u>	<u>REVIEW REQUIREMENTS</u>	<u>PERMITTING REQUIREMENTS</u>	<u>*SUBMITTAL ADDRESSES</u>
North Carolina	Storage, treatment distribution	Consultation with Division of Health Services and submit engineers report. Submission at least 30 days prior to start of: three sets of plans, specifications and design criteria. NOTE: Consultation and engineers report may be omitted on simple projects.	Approval of plans and specifications required prior to construction. Written notice or cover letter must accompany the submittals (plans and specs). NOTE: Plans and cover of specifications must bear North Carolina P.E. seal and signature.	Environmental Health Section Division of Health Services P.O. Box 2091 Raleigh, NC 27602 Telephone: (919) 733-2321
North Carolina	Wells	Consultation with Division of Health Services and submit engineers report. Submission at least 30 days prior to start of: three sets of plans, specifications and design criteria. Well site investigation and approval by Division of Health Services required. Note: Consultation and Engineers Report may be omitted on simple projects.	Approval of plans and specifications required prior to construction. Written notice or cover letter must accompany the submittals (plans and specs). NOTE: Plans and cover of specs must bear North Carolina P.E. seal and signature.	Environmental Health Section Division of Health Services Post Office Box 2091 Raleigh, NC 27602 Telephone: (919) 733-2321

Attachment B to
Enclosure (5)

JUN 6 1990

POTABLE WATER FACILITIES: GUIDE FOR PERMITTING AND REGULATORY REVIEW REQUIREMENTS

<u>STATE</u>	<u>TYPE FACILITY</u>	<u>REVIEW REQUIREMENTS</u>	<u>PERMITTING REQUIREMENTS</u>	<u>*SUBMITTAL ADDRESS</u>
West Virginia		Will be provided when needed.		
Kentucky		Will be provided when needed.		

JUN 6 '990

REQUIREMENTS FOR NEW AIR SOURCES
CONSTRUCTION/OPERATION PERMITS (revised 8/89)

COCHIZANT FEDERAL OR STATE AGENCY	FUEL BURNING EQUIPMENT MILLION BTU/HK GREATER THAN OR EQUAL TO COAL/RES/BIOT/GAS	STATIONARY INTERNAL COMBUSTION ENGINE GREATER THAN OR EQUAL TO	INCINERATOR	MANUFACTURING OPERATION INCLUDES: PAINT SPRAY, VAPOR RECREASER, GRITBLAST, WOODWORK SHOP, PLATING, METAL FURNACE, WELDING SHOP, ETC.	FUEL STORAGE CAPACITY OF CASOLINE, MOCAS AVGAS, JP-4, JP-5 GREATER THAN OR EQUAL TO GALLONS	PERMIT RENEWAL FEE	
						CASOLINE DISPENSING	None
EPA	100/100/100/100 (proposed)	560 Cu. in. per cylinder (proposed)	50 tons per day	The following sources: (1) Primary zinc, copper, and lead smelter (2) Lime storage (3) Secondary metal production (4) Gas turbines 10 million BTU per hour (5) Volatile organic compound from surface coating operations	40,000	None	None
Virginia*	4.35 1.0 t.0 t.0 20.0	See Maint. Operation	All Developing strictor criteria Patho- logical incinerators	All sources that discharge greater than: Pollutant Carbon monoxide TPX 100 Nitrogen dioxide 10	40,400 and 1.5 psi vapor pressure	Tanks 20,000 gallons capacity and over 20,000 gallons/ month throughout	None

Attachment C to
Enclosure (5)

JUN 6 1990

REQUIREMENTS FOR NEW AIR SOURCES
CONSTRUCTION/OPERATION PERMITS (Revised 6/89)

COGNIZANT FEDERAL OR STATE AGENCY	FUEL BURNING: EQUIPMENT HILLTOP BTU/HR GREATER THAN OR EQUAL TO COAL/BES/DIST/GAS	STATIONARY INTERNAL COMBUSTION ENGINE GREATER THAN OR EQUAL TO	MANUFACTURING OPERATION INCLUDE: PAINT SPRAY, DEGREASER, CRATE/PAINT, WOODWORK SHOP, PLATING, METAL FURNACE, WELDING SHOP, ETC.	FUEL STORAGE CAPACITY OF GASOLINE, MOGAS AVIATION, JP-4, GREATER THAN GALLONS	PERMIT RENEWAL FEE	PERMIT FEE
Virginia	ALL ALL 10 50	None	INCINERATOR burning over 4000 lb/day	INCINERATOR Sulfur Dioxide 10 Particulate 1 Volatile Organic 7.5 lb/hr Compound (VOC) and 40 lb/day Lead 0.6	ALL	Yes
			Also all sources discharging (1) Asbestos (2) Beryllium (3) Mercury (4) Vinyl chloride			
Kentucky** (Jefferson County)	ALL ALL 10 50	None	Also all sources discharging (1) Metal pot furnaces greater than 450 cu. in. (2) Welding operations (3) Woodwork shops (4) Dry Cleaners using perchloroethylene	ALL	1 to 1 year	Yes

Attachment C to
Enclosure (5)

JUN 6 1990

REQUIREMENTS FOR NEW AIR SOURCES
CONSTRUCTION/OPERATION PERMITS (Revised 8/89)

COGNIZANT FEDERAL OR STATE AGENCY	FUEL BURNING EQUIPMENT MILLION BTU/HR GREATER THAN OR EQUAL TO COMPLIES/NOT/GAS	STATIONARY INTERNAL COMBUSTION ENGINE GREATER THAN OR EQUAL TO	INCLINATOR	MANUFACTURING OPERATION INCLUDES: PAINT SPRAY, DEGREASER, CRITELAST, WAXING/DRY SHOP, PLATING, METAL FURNACE, WELDING SHOP, ETC.	FUEL STORAGE CAPACITY OF GASOLINE, NO GAS AVGAS, JP-4, GREATER THAN GALLONS	GASOLINE DISPENSING	PERMIT RENEWAL	PERMIT FEE
North Carolina	ALL/411/100/250	Same as Units	All	All sources with air pollution control equipment except: (1) Welding shops (2) Vehicle exhaust systems (3) Emergency diesel generators (4) Dry cleaners using perchloroethylene (5) Operations with VOC emissions of greater than 15 lb/hr	50,000 and 1.5 psi vapor pressure	2,000 gallons per month throughout	varying 3 to 5 years	Yes

Attachment C to
Enclosure (5)

JUN 6 1990

REQUIREMENTS FOR NEW AIR SOURCES
CONSTRUCTION/OPERATION PERMITS (Revised 8/89)

GOVERNMENT FEDERAL OR STATE AGENCY	FUEL BURNING EQUIPMENT MILLION BTU/HR GREATER THAN OR EQUAL TO COAL/RES/DIST/GAS	STATIONARY INTERNAL COMBUSTION ENGINE GREATER THAN OR EQUAL TO	INCINERATOR	MANUFACTURING OPERATION INCLUDES: PAINT SPRAY, DEGREASER, GRITBLAST, BLOWDOWN, SLOT, PLATING, METAL FINISHING, MELTING SHOP, ETC.	FUEL STORAGE CAPACITY OF GASOLINE, MOTOR OIL, JP-4, GREATER THAN GALLONS	CASOLINE DISTENSING	PERMIT RENEWAL	PERMIT FEE
West Virginia	10/10/10/10	None	All	All sources discharging 6 lb per hour particulates, sulfur dioxide, nitrogen dioxide hydrocarbon, or photochemical oxidants, Also all sources discharging: (1) Asbestos (2) Methylum (3) Mercury (4) Vinylchloride	All	All	None	None
Puerto Rico	All/All/All/None	25 cu. in.	All	All sources except: (1) Crucibles for melting metal greater than 450 cu. in. (2) Storage of lube oil and organic material with boiling point 300°F or less	All above ground tanks and all underground storage tanks above one thousand gallons	1,000 gallons underground and all above ground	2 to 5 years	Yes

Attachment C to
Enclosure (5)

JUN 8 1980

**REQUIREMENTS FOR NEW AIR SOURCES
CONSTRUCTION/OPERATION PERMITS (Revised 8/80)**

COORINANT FEDERAL OR STATE AGENCY	FUEL BURNING EQUIPMENT HILLION BTU/HR GREATER THAN OR EQUAL TO COAL/FIS/DIST/LAS	STATIONARY INTERNAL COMBUSTION ENGINE GREATER THAN OR EQUAL TO INCUBERATOR	MANUFACTURING OPERATION INCLUDES: PAINT SPRAY, REGRESSER, GRITBLAST, ROOMDUNK SHOP, PLATING, METAL PURCHANCE, WELDING SHOP, ETC.	FUEL STORAGE CAPACITY OF GASOLINE, MOGAS AUGAS, JP-6, GREATER THAN 200 GALLONS	GASOLINE DISPENSING	PERMIT RENEWAL FEE
Virgin Island	0.15/0.75/0.35/	all	all	all	all	2 years None

* Virginia is non-attainment for ozone (O₃) and may develop more strict standards for VOC and non-criteria pollution in the non-attainment area.

Footnotes:
Applying to
all areas

(1) Normal permits required for sources emitting above the indicated exemption levels above generally take a minimum of 3-6 months processing time. Presentation of significant deterioration (PSD) permits take a minimum of 18-24 months processing and apply to new or major modifications to major sources (capable of emitting 250 tons or more of any criteria pollutants) or major modifications to these sources where the net emission increase exceeds the following limits for criteria pollutants.

- CO₂ - 100 tons/year
- NO_x - 40 tons/year
- SO₂ - 40 tons/year
- Particulate - 75 tons/year
matter (pm)
- VOC or
ozone 40 tons/year

Attachment C to
Enclosure (5)

JUN 8 1990

REQUIREMENTS FOR NEW AIR SOURCES
CONSTRUCTION/OPERATION PERMITS (Revised 8/89)

LOGRIZANT FEDERAL OR STATE AGENCY	FUEL BURNING EQUIPMENT MILLION BTU/HR GREATER THAN OR EQUAL TO COAL RES MUST GAS	STATIONARY INTERNAL COMBUSTION ENGINE GREATER THAN OR EQUAL TO	MANUFACTURING OPERATION INCLUDE: PAINT SPRAY, DEGREASER, CRITBLAST, WOODWORK SHOP, PLATING, METAL FURNACE, WELDING SHOP, ETC.	FUEL STORAGE CAPACITY OF GASOLINE, KOGAS AVGAS, JP-4, GREATER THAN OR EQUAL GALLONS	GASOLINE DISTENSING	PERMIT RENEWAL FEE

(2) Permitting actions for non-exempt new construction, or permit modification for major modification to existing sources, need to be initiated at least by the 15th design stages by the A/E.

(3) Permits required before construction starts and preferably before contract award. Permitting process may extend beyond design completion and could require design modifications.

Attachment C to
Enclosure (5)